

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Atty. Docket: KIMCHI-2A

In re Application of:) Conf. No.: 4171
KIMCHI, et al)
Appln. No.: 09/719,748) Art Unit: 1652
Filed: February 27, 2001) Examiner: M. Monshipouri
For: DAP-KINASE RELATED PROTEIN) Washington, D.C.
) April 10, 2003
)
)

DECLARATION UNDER 37 CFR §1.132

Honorable Commissioner for Patents
Washington, D.C. 20231

Sir:

I, Adi KIMCHI, hereby declare and state as follows:

I am the same Adi Kimchi who is the sole inventor of the invention disclosed and claimed in the above-identified application.

I am also the same Adi Kimchi who is listed among the co-authors of the publication, Boaz Inbal, Gidi Shani, Ofer Cohen, Joseph L. Kissil, and Adi Kimichi, Molecular and Cellular Biology 20:1044-1054 (2000), which publication is cited as the reference for SPTREMBL database accession no. 075892 with a release date of November 8, 1998.

A copy of the printout from the SPTREMBL database for accession no. 075892 is attached hereto. As can be seen from this printout, accession no. AAC35001 from the EMBL/Genbank

database, which is the same sequence as accession no. 075892, is cross-referenced. A printout of accession no. AAC35001 is attached hereto to show that it cites the same Inbal et al. reference as above and that it is the direct submission of A. Kimchi and B. Inbal on March 9, 1998.

While Boaz Inbal, Gidi Shani, Ofer Cohen, and Joseph I. Kissil were co-authors with me on the publication and while Boaz Inbal was involved in the direct submission of the sequence, they were not involved in the conception of the invention and are not co-inventors of the invention claimed in the above-identified application no. 09/719,748.

The undersigned declares further that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Date

4/5/03

Adi Kimchi
Adi KIMCHI

NiceProt View of TrEMBL: O75892

General information about the entry

Entry name **O75892**
 Primary accession number **O75892**
 Secondary accession numbers **None**
 Entered in TrEMBL in **Release 08, November 1998**
 Sequence was last modified in **Release 08, November 1998**
 Annotations were last modified in **Release 24, June 2003**

Name and origin of the protein

Protein name **DAP-kinase related protein 1**
 Synonyms **None**
 Gene name **None**
 From **Homo sapiens (Human) [TaxID: 9606]**
 Taxonomy **Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.**

References

[1] SEQUENCE FROM NUCLEIC ACID.

TISSUE=Kidney;
MEDLINE=20094983; **PubMed**=10629061;
 Inbal B., Shani G., Cohen O., Kissil J.L., Kimchi A.;
 "Death-associated protein kinase-related protein 1, a novel Serine/Threonine kinase involved in apoptosis.";
 Mol. Cell. Biol. 20:1044-1054(2000).

Comments

- SIMILARITY:** BELONGS TO THE SER/THR FAMILY OF PROTEIN KINASES.

Cross-references

EMBL	AF052941; AAC35001.1; -.
HSSP	Q63450; 1A06.
Genew	HGNC:2675; DAPK2.
CleanEx	HGNC:2675; DAPK2.
GO	GO:0005737; Cellular component: cytoplasmic chromosome (<i>traceable author statement</i>).

GO:0005524; Molecular function: ATP binding activity (*inferred from electronic annotation*).
 GO:0004683; Molecular function: calmodulin regulated protein kinase activity (*traceable author statement*).
 GO:0004713; Molecular function: protein tyrosine kinase activity (*inferred from electronic annotation*).
 GO:0016740; Molecular function: transferase activity (*inferred from electronic annotation*).
 GO:0006917; Biological process: induction of apoptosis (*traceable author statement*).
 GO:0006468; Biological process: protein amino acid phosphorylation (*inferred from electronic annotation*).

InterPro	IPR000719; Prot_kinase. IPR002290; Ser_thr_pkinase. IPR001245; Tyr_pkinase.
Pfam	PF00069; pkinase; 1.
PRINTS	PR00109; TYRKINASE.
ProDom	PD000001; Prot_kinase; 1. [Domain structure / List of seq. sharing at least 1 domain].
SMART	SM00220; S_TKc; 1.
PROSITE	PS00107; PROTEIN_KINASE_ATP; 1. PS50011; PROTEIN_KINASE_DOM; 1. PS00108; PROTEIN_KINASE_ST; 1.
Implicit links to	Ensembl; ProtoMap; PRESAGE; ModBase; SWISS-2DPAGE.

Keywords

ATP-binding; Kinase; Serine/threonine-protein kinase; Transferase.

Features

None

Sequence information

Length: 370 AA

Molecular weight: 42923 Da

CRC64: 09502B4ADCD20F91 [This is a checksum on the sequence]

10	20	30	40	50	60
MFQASMRSPN	MEPPFKQQKVE	DFYDICEELG	SGQFAIVKKC	REKSTGLEYA	AKFIKKRQSR
70	80	90	100	110	120
ASRRGVSREE	IEREVSIILRQ	VLHHNVITLH	DVYENRTDVV	LILELVSGGE	LFDFLAQKES

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From-BROWDY NETWORK

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T-865 P.007/008 F-463

130 140 150 160 170 180
LSPEEATSF1 KQILDGVNYL HTKKIAHFOL KPENIMLLDK NIPIPHIKLI DFGLAHEIED
190 200 210 220 230 240
GVEFKNIFGT PEFVAPEIWN YEPLGLEADM WSIGVITYIL LSGASPFILGD TKQETLANIT
250 260 270 280 290 300
SVSYDFDEEF FSHTSELAKD FIRKLLVKET RKRLTIQEAL RHFWITPVDN QQAMVRRESV
310 320 330 340 350 360
VNLENFRKQY VRRRWKLSFS IVSLCNHLTR SLMKKVHLRP DEDLRNCESD TEEDIARRKA
370
LHPRRRSSTS

Figure 1: AAC35001, DAP-kinase relate... [gi:3560543]

BLINK, Domains, Links

LOCUS AAC35001 370 aa linear PRI 10-SEP-1998
DEFINITION DAP-kinase related protein 1 [Homo sapiens].
ACCESSION AAC35001
VERSION AAC35001.1 GI:3560543
DBSOURCE locus AF052941 accession AF052941.1
KEYWORDS
SOURCE
ORGANISM Homo sapiens (human)
Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Mammalia;
Eutheria; Primates; Catarrhini; Hominidae; Homo.
REFERENCE
AUTHORS Kimchi, A. and Inbal, B.
TITLE A new member of the serine/threonine DAP-kinase family
JOURNAL Unpublished
REFERENCE
AUTHORS Kimchi, A. and Inbal, B.
TITLE Direct Submission
JOURNAL Submitted (09-MAR-1998) Molecular Genetics, Weizmann Institute of
Science, Rehovot 76100, Israel
COMMENT Method: conceptual translation supplied by author.
FEATURES
source Location/Qualifiers
1..370
/organism="Homo sapiens"
/db_xref="taxon:9606"
/tissue_type="kidney"
Protein
1..370
/product="DAP-kinase related protein 1"
/name="protein serine/threonine kinase"
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298..330
/site_type="binding"
/note="calcium/calmodulin binding region"
CDS
1..370
/coded_by="AF052941.1:32..1144"
ORIGIN
1 m fqasmrspn m epfkqqkv e dfydg ee lg e q qfa i v k k c r e k s t g l e y a a k f i k k r q s r
61 a s r r g v s r e e i e r e v s i l r q v l h h n v i t h d v y e n t d v v l i l e v s g g e l f d f l a g k e s
121 l s e e e a t s f i k q i l d g v n y l h t k k l a h f d l p e n i m l l d k n i p i h k l i d f g l a h e i d
181 g v e f k n i f g t p e v a p e i v n y e p l g l e a d m w s i g v i t y i l l s g a s p f l g d t k q e t l a n i t
241 s v s y d f d e e f f s h t s e l a k d f i r k l l v k e t r k r l t i q e a l r h p w i t p v d n q q a m v r r e s v
301 v n l e n f r k q y v r r r w k l s f s i v s l c n h l t r s l m k k v h l r p d e d l r n c e s d t e e d i a r r k a
361 l h p r r r e s t s

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